Initial Project Planning Template

Date	22th June 2025
Team ID	LTVIP2025TMID42853
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques.
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preprocessing	-	Understanding & loading data, Data cleaning, Exploratory Data Analysis (EDA)	-	High	Tarladi Somunaidu	21th June 2025	24h June 2025
Sprint-1	Feature Engineering	-	Handling missing values and encoding categorical variables, Engineering features	-	High	Tarladi Somunaidu	23th June 2025	25th June 2025
Sprint-1	Model Development	-	Training the machine learning model, Evaluating the model	-	High	Tarladi Somunaidu	24th June 2025	26th June 2025
Sprint-1	Model Deployment	-	Creating a Flask app to deploy the model, Developing the front-end using HTML, CSS, and JS	-	High	Tarladi Somunaidu	25th June 2025	26th June 2025
Sprint-1	Testing, Validation, and Final Deployment	-	Testing the application, validating model predictions, Deploying on a cloud platform, Final testing	-	High	Tarladi Somunaidu	26 June 2025	28th June 2025